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or Fax (703) 746-4000 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must 0 3 2005 08933 7590 03/22/2005 have its own certificate of mailing or transmission. DUANE MORRIS, LLP Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. IP DEPARTMENT ONE LIBERTY PLACE PHILADELPHIA, PA 19103-7396 (Signature (Date APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/737,024 12/16/2003 Dahchung Oweyang N1085-00158 5588 [TSMC2003-022 TITLE OF INVENTION: CONTACT HOLE PRINTING BY PACKING AND UNPACKING APPLN. TYPE SMALL ENTITY **ISSUE FEE PUBLICATION FEE** TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$300 \$1700 06/22/2005 **EXAMINER** ART UNIT CLASS-SUBCLASS COLEMAN, WILLIAM D 2823 438-637000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Duane Morris LLP (1) the names of up to 3 registered patent attorneys Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, Richard A. Paikoff (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Taiwan Semiconductor Manufacturing Co., Ltd. Hsin-Chu, Taiwan, R.O.C. ☐ Individual ☐ Corporation or other private group entity ☐ Government Please check the appropriate assignee category or categories (will not be printed on the patent): 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): 🔀 Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1679 (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ■ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. 05 Authorized Signature 34,892 Richard A. Paikoff

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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FEE TRANSMITTAL		Complete if Known				
for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.		Application Number				
		Filing Date		12/16/2003	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
		First Named Inventor				
		Examiner Name		William D. Coleman		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit		2823 Confirmation No. 5588		
TOTAL AMOUNT OF PAYMENT (\$) 1,700.00		Attorr	ney Docket No.	ocket No. N1085-00158 [TSMC2003-0227]		
METHOD OF PAYMENT (check all that apply)	**	FEE CALCULATION (continued)				
Check Credit card Money Other None 3. ADDITIONAL FEES						
✓ Deposit Account:	<u>Large</u> Fee		Small Entity Fee Fee	Foo Doggriphics		
Deposit Account 04-1679	Code	(\$)	Code (\$)	Fee Description	Fee Paid	
Number	1051			urcharge - late filing fee or oath		
Account Duane Morris LLP	1052	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet				
Name The Director is authorized to: (check all that apply)		1053 130 1053 130 Non-English specification				
✓ Charge fee(s) indicated below		2,520	,	or filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)		920*		equesting publication of SIR prior to xaminer action		
		1,840*		Requesting publication of SIR after examiner action		
the above-identified deposit account. FEE CALCULATION 125'		110		Extension for reply within first month		
1. BASIC FILING FEE	1252	420	2252 210 E	Extension for reply within second month		
Large Entity Small Entity	1253	950	2253 475 E	Extension for reply within third month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254 740 E	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255	2,010	2255 1,005 E	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401			Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402			Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403 1451	290 1,510		Request for oral hearing Petition to institute a public use proceeding		
l "	1452	,		Petition to revive - unavoidable		
SUBTOTAL (1) (\$)	1 -	1,330		Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	1	Jtility issue fee (or reissue)	1,700	
Extra Claims below Fee Paid	1502	480		Design issue fee		
Total Claims20** = X = X = Independent3** = X =	1503			Plant issue fee		
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Large Entity Small Entity	1807	50		Processing fee under 37 CFR 1.17(q) Submission of Information Disclosure Stmt		
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Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021 40 p	roperty (times number of properties)		
1201 86 2201 43 Independent claims in excess of 3	1809	770		Filing a submission after final rejection 37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810 385 F	For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770		examined (37 CFR 1.129(b))		
1205 18 2205 9 ** Reissue claims in excess of 20	1802			Request for Continued Examination (RCE) Request for expedited examination	\vdash	
and over original patent			ا د	of a design application		
SUBTOTAL (2) (\$)		Other fee (specify) *Reduced by Basic Filing Fee Paid *SUPTOTAL (2) (C) 1 700				

**or number previ	iously paid, if greater, For Reissues, see above	11000000 by Bable 1 limity 1 00 1 alia	SUBTOTAL (3) (\$) 1,700
SUBMITTED BY			(Complete (if applicable))
Name (Print/Type)	Richard A. Paikoff	Registration No. (Attorney/Agent) 34,892	Telephone 215-979-1853
Signature	Richard A Paiball		Date 06/3/2005

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